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TITLE: Exhaust manifold for turbo engine

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BASIC-ABSTRACT:

NOVELTY - An exhaust manifold for a turbo engine is provided to improve the efficiency and prevent overheating by changing the flow passage of the exhaust gas of the exhaust manifold.

DETAILED DESCRIPTION - An exhaust manifold for a turbo engine comprises an intake port(21) formed at a plurality of branch pipes(2) which is protruded at an upper part of a main pipe(1) and which an exhaust gas exhausted from an engine cylinder is flowed into, an exhaust port(11) protruded at a side of the main pipe of the manifold to discharge the exhaust gas toward a turbine of turbocharger, a coolant inlet(131) supplying coolant to a coolant pipe of the main pipe comprising an exhaust passage and the coolant pipe covering the passage, and a coolant outlet which the coolant is discharged through. A partition is formed at the inner center of the manifold so as to divide an exhaust gas passage and a coolant passage into two parts.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: EXHAUST MANIFOLD TURBO ENGINE

DERWENT-CLASS: Q51

